

draft-newton-weirds-route-policy

Andy Newton, ARIN

WEIRDS Working Group

IETF 90, Toronto, ON, Canada

RIRs. DNRs. IRRs.

- RDAP currently has lookups, queries, and objects for DNRs and RIRs, but not IRRs.
- This draft is *the start* of a *discussion* to see if we can use RDAP to serve the purposes of an IRR.
- It extends autnums with import/export policy and adds route, route-set and autnum-set object classes. And nothing more.

Why?

- Tooling around RPSL is suffering.
- Network engineers are not full-time programmers, but step one to use RPSL is write a parser.
- The perceived benefit with using RDAP is that they can use HTTP to fetch policy, and easily map the data structures with popular scripting languages such as Python, Ruby, Javascript, etc..

Contextual Policy

- It could also be helpful if routing policy was contextual
 - Policy statements change depending on who is asking for it or how they ask for it
- Solved with HTTP query parameters.

Need Your Input

- Andy Newton (andy@arin.net)
- Johan Aehlen (jahlen@ripe.net)
- Carlos Martinez (carlos@lacnic.net)
- Job Snijders (job@instituut.net)